

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL**

NASA/GODDARD SPACE FLIGHT CENTER

**REQUEST FOR TASK PLAN / TASK ORDER**

<b>CONTRACTOR</b>	<b>NAS5- TASK NO. AMENDMENT</b>	<b>JOB ORDER NUMBER</b>
QSS Group, Inc.	99124 25	924-227-62-46-89 98

**TASK TITLE:** (NTE 80 characters; include Project name)

GLAS Instrument Flight Software

<b>APPROVALS</b>	
<b>ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)</b> <i>Raymond Whitley, for</i> Manuel Maldonado	DATE: 4/19/99 ORG CODE: 582 MAIL CODE: 582 PHONE: 301-286-7817
<b>BRANCH HEAD</b> <i>Raymond Whitley, for</i> Elaine Shell	DATE: 4/19/99 CODE: 852 PHONE: 301-286-2628
<b>CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)</b> Fred Huegel <i>Deborah A. Clark</i>	DATE: 4/19/99 CODE: 568 PHONE: 301-286-2285
<b>FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?</b> (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	<b>CONTRACTING OFFICER'S QUALITY REP.</b> <i>See for L. Moore per email 4/19</i> Larry Moore
<b>DESIGNATED FAM:</b>	

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)  
**C.O. Requested Quote on:**  
**Date:** APR 21 1999

Contractor will develop specification or statement of work under this task for a future procurement. ☒ NO ☐ YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. ☒ NO ☐ YES ☐ N/A

Government Furnished Property/Facilities: ☒ NO ☐ YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: ☐ NO ☒ YES If yes: ☒ TOTAL ☐ PARTIAL  
 If partial, indicate onsite work in SOW by asterisk (\*)

Surveillance Plan Attached: ☒ NO ☐ YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be April 22, 1999.

**INCENTIVE FEE STRUCTURE (check one)**  
 (See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	<input checked="" type="checkbox"/> No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	10%
Schedule	15%	25%	25%	50%	20%
Technical	75%	25%	50%	25%	70%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 196,106.

The target fee of this task order is \$ 11,458.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 207,564.

The maximum fee is \$ 16,746.

The minimum fee is \$0.

<b>AUTHORIZED SIGNATURE</b>	
<i>Lorrie L. Eakin</i> SIGNATURE OF CONTRACTING OFFICER	DATE: 7/28/99 TYPED NAME OF CONTRACTING OFFICER: Lorrie L. Eakin

<b>CONTRACTOR'S ACCERTANCE</b>	
AUTHORIZED SIGNATURE	DATE

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## REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR

NASS-

TASK NO.

AMENDMENT

QSS Group, Inc.

99124

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Applicable paragraphs from contract Statement of Work:

Functions 2D-6 and 2E-5

### STATEMENT OF WORK: (Continue on blank paper if additional space is required)

The contractor shall provide software engineering services for the GLAS Instrument Flight Software. The contractor shall provide requirements gathering and analysis, software design, coding, integration, and documentation. The software functions to be developed or ported (from similar software used on MAP/WARP) are the 1553 Remote Terminal, Global Positioning System (GPS), Time Code, Command/Telemetry to SEU I/F, I/F to Solid State Recorder (SSR), and Mongoose Processor Board Diagnostics.

### PERFORMANCE SPECIFICATIONS:

Requirements, design, coding, and test standards shall be in accordance with standard practices within Code 582.

### APPLICABLE DOCUMENTS:

Not applicable.

TASK END DATE:

11/30/99

**MILESTONES/DELIVERABLES AND DATES:** Delivery schedule revised per Contractor's task plan, dated, June 17, 1999. See Attached Page.

~~4/30/99 XXXXX Initial Flight Software Components~~  
~~4/30/99 XXXXX Initial Flight Software Components~~  
~~5/31/99 XXXXX Initial PC Flight Software Components~~  
~~5/31/99 XXXXX Specific IRS Board Diagnostics~~  
~~5/31/99 XXXXX IRS Diagnostics and PC Diagnostics~~  
~~6/15/99 XXXXX Digital Signal Processor (DSP) Diagnostics~~  
~~6/30/99 XXXXX Final Housekeeping Flight Software Components~~  
~~6/30/99 XXXXX Final GPS/DEM Flight Software~~  
~~XX/XX/99 XXXX Final Flight Software Build and Integration and Test Support~~

### PERFORMANCE STANDARDS:

Schedule: On-time delivery of above deliverables.

Technical: Acceptance of deliverables by the ATR

### FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Manuel Maldonado, building 3, room 231